

Benefits

Quality

Posterior

Portfolio

VITA



**Natural Functionality.
Lifelike Beauty.**

VITAPAN EXCELL®

The prefabricated tooth for highly esthetic complete, partial and implant-retained dentures. Truly natural. Truly lifelike.





Denture Tooth

VITAPAN EXCELL®

Truly natural. Truly lifelike. Truly strong.

Truly natural.

The wide range of shapes and shades provides absolute freedom of choice and individuality.

Truly lifelike.

The balanced light transmission results in true-to-life light dynamics. Natural fluorescence always comes from within the tooth, which is also the case with VITA premium teeth.

Truly strong.

The VITA premium teeth made of high-quality MRP composite combine durability, improved polishing characteristics and natural esthetics.



[Go to the case report](#)



Truly natural. Truly proportional.



Individualized dentures

The wide variety of shades and shapes enables individualized solutions that meet the personal needs of patients.



Dentist Dr. Iris Kraljevic, Zurich, Switzerland and Dental Technician Fernando Pasamontes, Zug, Switzerland



Dentist Suchanun Rungrojanarak, Surat Thani, Thailand

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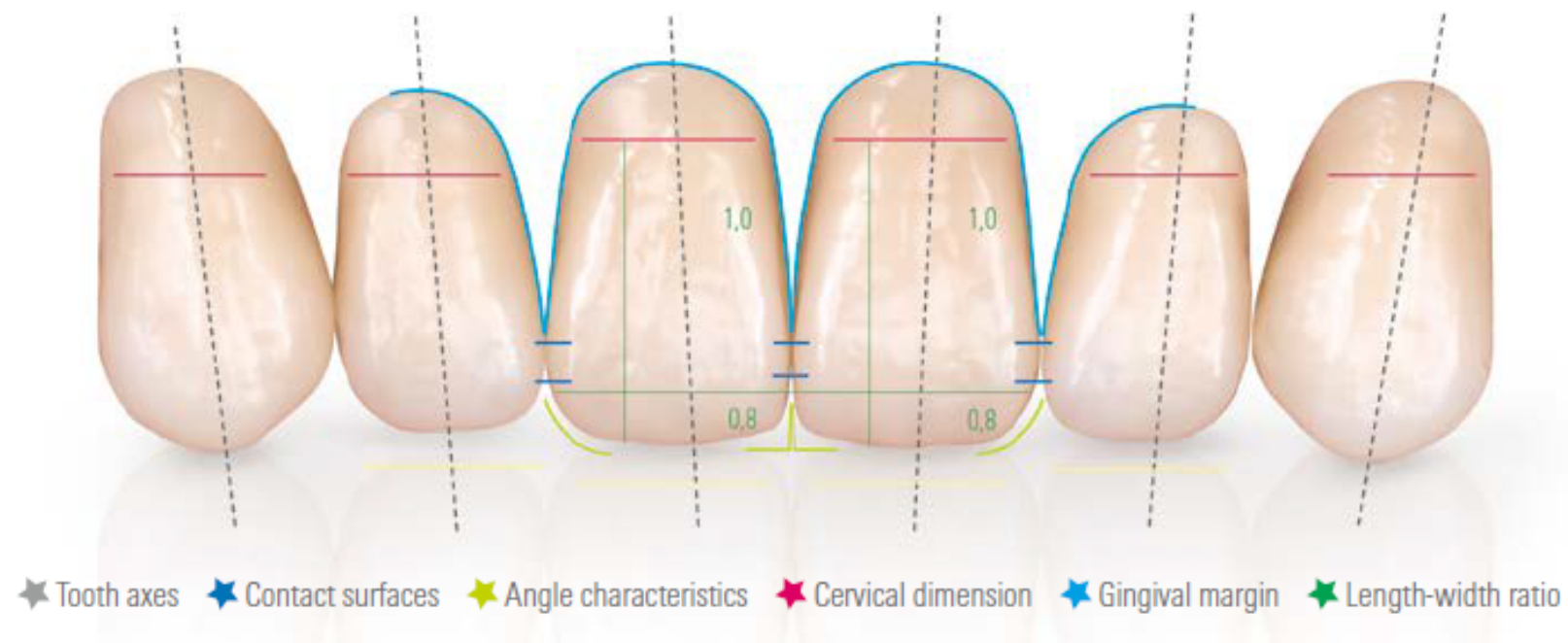
Truly natural. Truly proportional.



The golden ratio: The formula for esthetic prosthetics

VITAPAN EXCELL was designed according to esthetic principles, taking into account the golden ratio and using "golden proportions."

Tooth axes, contact surfaces, angle characteristics, cervical dimensions, gingival margins, as well as length and width ratios, correspond to the esthetic rules of nature.



Truly lifelike. Truly versatile.



Adjustable surface texture

A simple polish makes it easy to adapt the surface structure to suit the age of the patient.



Unpolished teeth:
Young, pronounced
structure



Briefly polished teeth:
Less structure
for age-appropriate
dentures

Well-proportioned

A wide tooth neck with a seamless transition to the crown of the tooth creates a harmonious interdental space and effectively covers any construction elements.



Natural tooth neck
design. Different
gingival contours are
possible, thanks to the
smooth transition from
the neck to the crown of
the tooth.



A wide tooth neck for
professional interdental
space/papilla modeling
and effective coverage
of any construction
elements.

CLICK

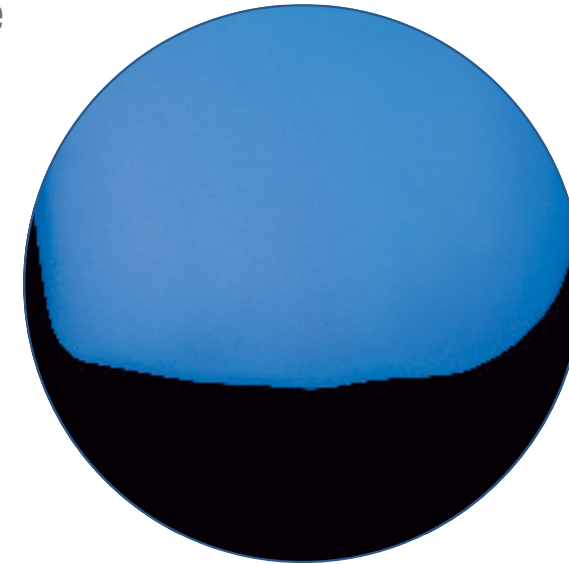


Truly lifelike. Truly versatile.



Exceptional play of shade and light

Natural fluorescence ensures good lighting dynamics.



Distinctive incisal characteristics with a whitish incisal edge for natural esthetics. Thanks to the integrated opal effect, VITAPAN EXCELL exhibits the full spectrum of natural shade variations.



Real experience inside.

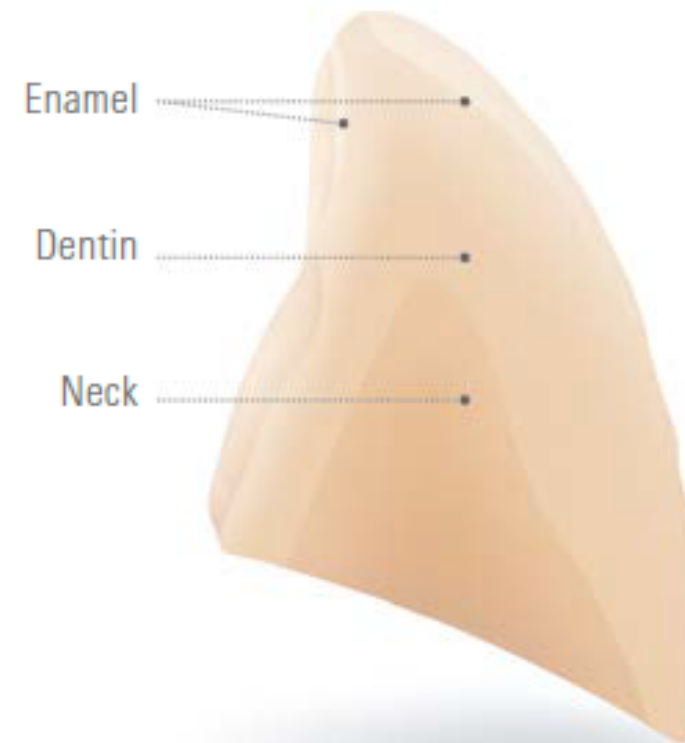


Truly well designed



Lifelike angle/curvature characteristics ensure a natural look.
The inner geometry of the tooth has been optimized for the higher loads that can occur with implant-retained work.

Special 3D layering



Three-dimensional anatomical layering and natural surface textures ensure a brilliant play of shade and light. Due to the layer structure, the shade remains stable even after a thin sanding.





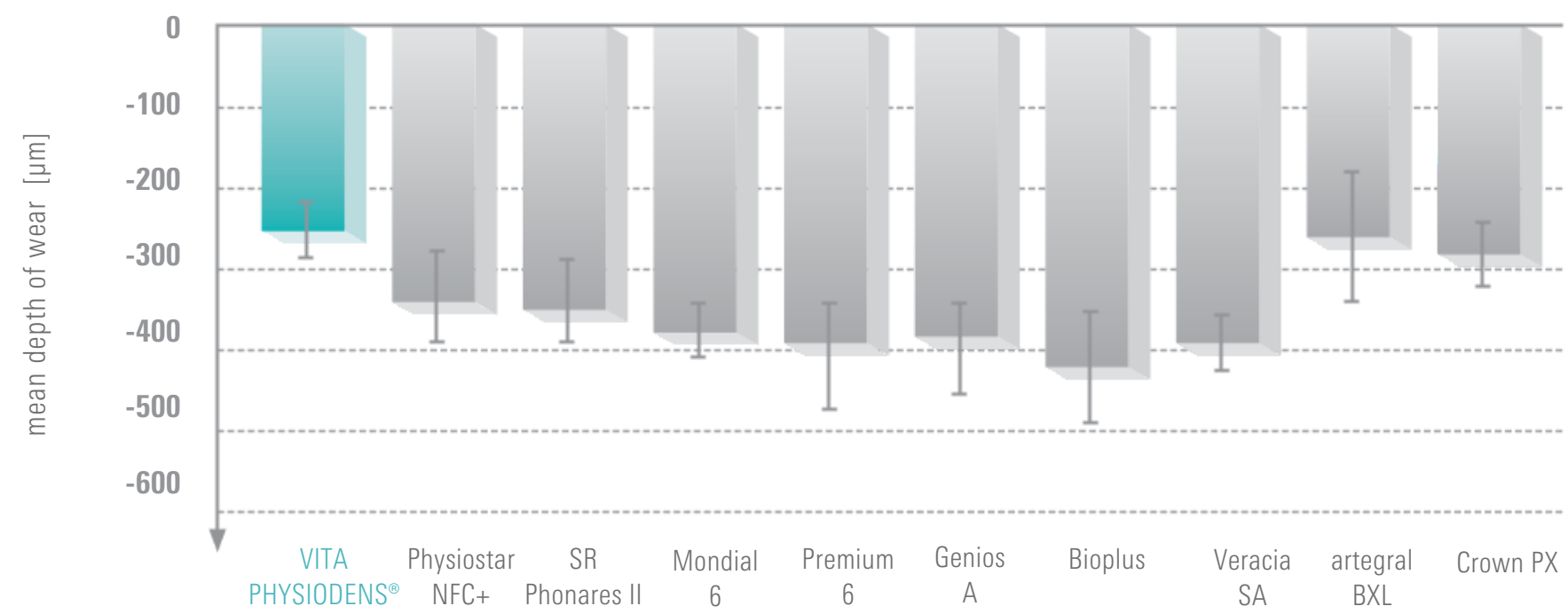
Truly impressive.



Truly proven

In a pin-on-block wear test at the University of Regensburg, VITA PHYSIODENS was used as an example to show that VITA premium teeth have good chemistry. Out of the eight tooth lines that were compared, the VITA MRP technology showed significantly lower maximum wear than the competitor products.

Wear study



Source: University of Regensburg, Germany, Prof. Dr. M. Rosentritt, Test Report No. 280_2, Report 11/15 ([2] cf. 14. References)

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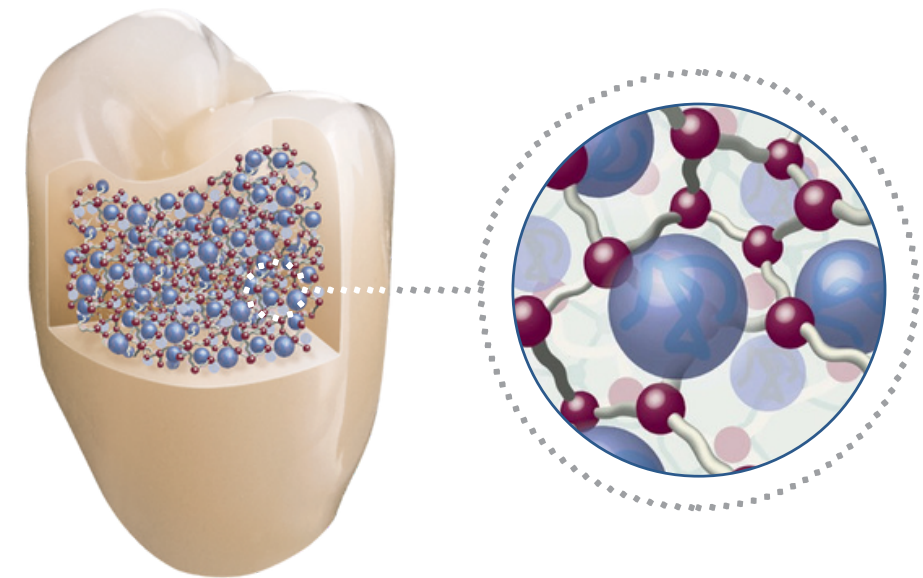
Truly impressive.



Quality made in Germany

- VITA premium denture teeth are developed and produced in Germany, according to the highest quality standards.
- With VITAPAN EXCELL and VITAPAN LINGOFORM, the proven MRP composite (microfiller reinforced polymer matrix) ensures reliable grinding and high abrasion-resistance.
- The special pressing process ensures that the three layers of enamel, dentin and neck polymerize together uniformly and tightly at the same time: No flaking or chipping of the layers. Chipping is not an issue.

Highly cross-linked polymer matrix with homogeneously distributed, polymerized silicon dioxide fillers



Schematic structure of MRP composite; Source VITA R&D



PMMA

Proven for decades: polymethylmethacrylate.



Silanized fillers

The SiO₂ filler improves the mechanical properties.



Cross-linked matrix without MMA

The cross-linking provides for a good bonding of all the material components.

[Go to the case report](#)



Denture tooth

VITAPAN® LINGOFORM

with VITAPAN EXCELL® A truly strong team.



Truly functional.

Functionally designed occlusal areas promote optimal static alignment of the prosthesis, protect the tooth substance and offer a high level of comfort.

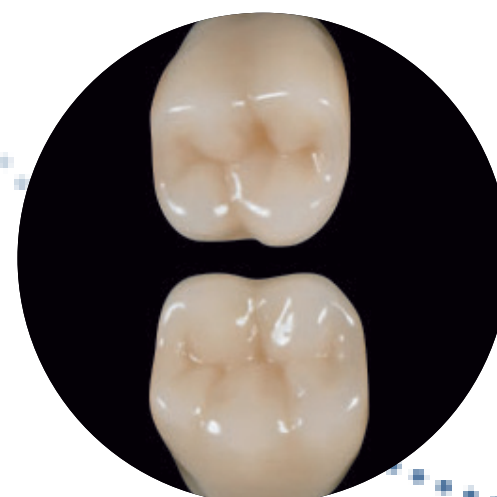
Truly simple.

VITAPAN LINGOFORM is suitable for all setup concepts, including lingualized occlusion. The VITA Easy Centric principle facilitates a simple and intuitive setup with automatic centering.

Truly esthetic.

The multiple layers and nature-identical surface morphology create a vibrant and harmonious light reflexive properties.

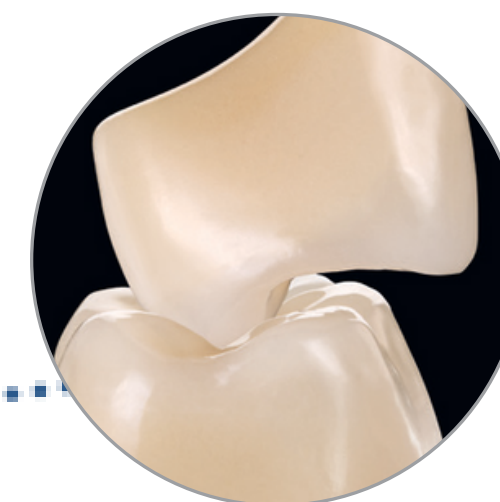
For all common setups.



Multifunctional
chewing surface design
for all prosthetic
concepts



Buccal occlusion



Lingualized occlusion

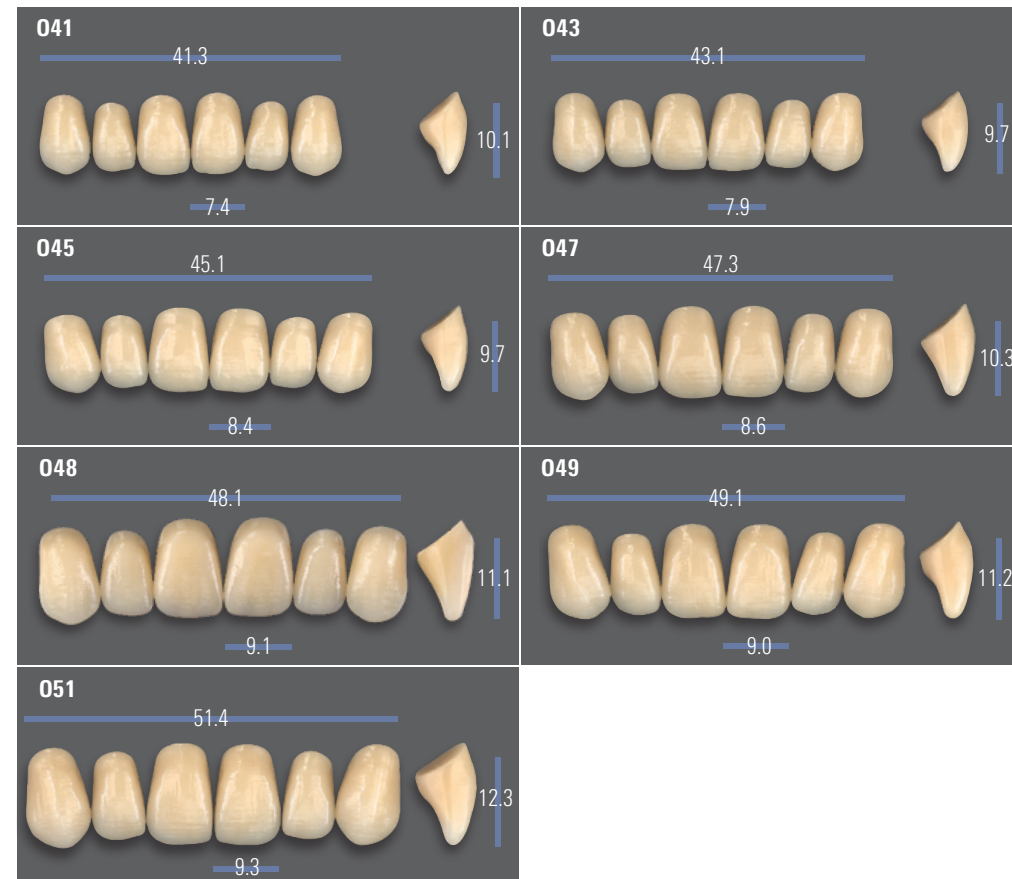
Variety of shapes.

29 x VITA SYSTEM 3D-MASTER shades
(0M1, 0M2, 0M3, 1M1 - 5M3)



16 x VITA classical A1-D4 shades

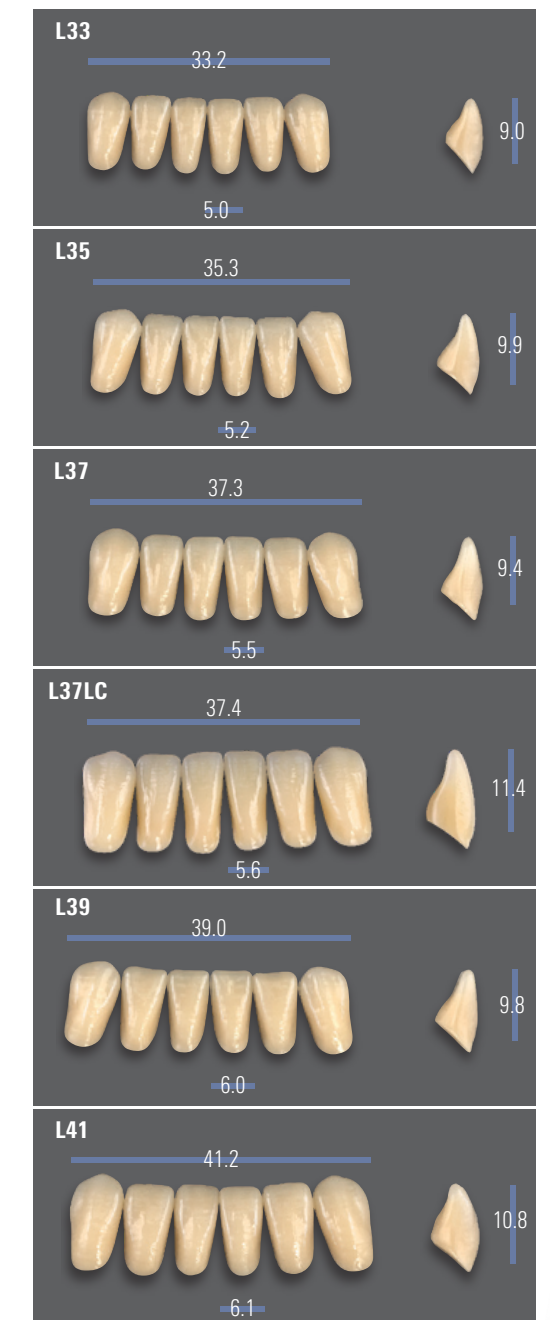
Anterior maxilla



Anterior maxilla



Anterior mandible



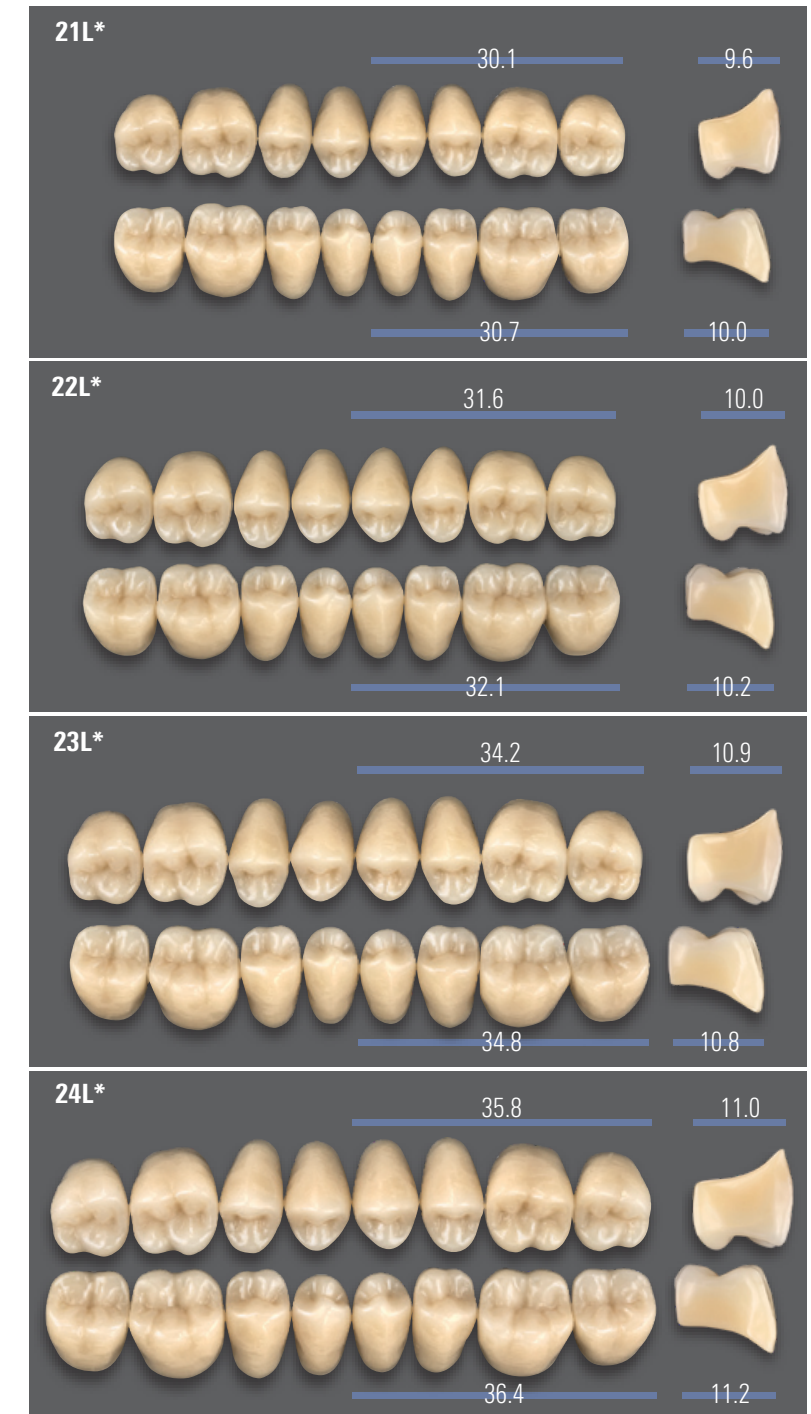
Variety of shapes **VITAPAN LINGOFORM®**



29 x VITA SYSTEM 3D-MASTER shades
(0M1, 0M2, 0M3, 1M1 - 5M3)













16 x VITA classical A1-D4 shades

Posterior



Combination table.



VITAPAN EXCELL® Anterior	UJ / No.  mm	041 41.3	043 43.1	045 45.1	047 47.3	048 48.1	049 49.1	051 51.4	
	LJ / No.  mm	L33 33.2	L33 33.2	L35 35.3	L37 37.3	L37/L37LC 37.3/37.4	L39 39.0	L41 41.2	
VITAPAN® LINGOFORM Posterior	UJ / No.  mm	21L 30.1	21L 30.1	22L 31.6	22L 31.6	22L 31.6	23L 34.2	24L 35.8	
	LJ / No.  mm	21L 30.7	21L 30.7	22L 32.1	22L 32.1	22L 32.1	23L 34.8	24L 36.4	
VITAPAN EXCELL® Anterior	UJ / No.  mm	T42 42.0	T44 44.1	T46 46.2	T47 46.9	T48 48.1	T50 50.0	T51 51.4	T54 54.4
	LJ / No.  mm	L33 33.2	L33 33.2	L35 35.3	L37 37.3	L37 37.3	L39 39.0	L39 39.0	L41 41.2
VITAPAN® LINGOFORM Posterior	UJ / No.  mm	21L 30.1	21L 30.1	22L 31.6	22L 31.6	22L 31.6	24L 35.8	23L 34.2	24L 35.8
	LJ / No.  mm	21L 30.7	21L 30.7	22L 32.1	22L 32.1	22L 32.1	24L 36.4	23L 34.8	24L 36.4
VITAPAN EXCELL® Anterior	UJ / No.  mm	R45 45.4	R47 47.0	R49 49.1	S46 46.3	S48 47.9	S52 52.1		
	LJ / No.  mm	L35 35.3	L37 37.3	L39 39.0	L35 35.3	L37 37.3	L41 41.2		
VITAPAN® LINGOFORM Posterior	UJ / No.  mm	22L 31.6	22L 31.6	23L 34.2	22L 31.6	22L 31.6	23L 34.2		
	LJ / No.  mm	22L 32.1	22L 32.1	23L 34.8	22L 32.1	22L 32.1	23L 34.8		

The information contained in the combination table is only intended as a guide, and can vary depending on the patient's individual situation.



Suitable solutions for processes.



Shade determination

Shade determination with the VITA Easyshade V, VITA Easyshade LITE or the VITA shade guides



Shape determination

Select the appropriate tooth shape from your tooth storage. The shape can also be determined with the living mould chart



VITAPAN EXCELL® and VITAPAN® LINGOFORM

PERFECT MATCH for esthetics in the anterior region and function in the posterior region.



Bonding

Use VITACOLL as a reliable adhesive agent between the VITA denture teeth and the denture base. VITAFOL is the suitable silicone insulation material for this.



Characterization

Characterize your denture with the light-curing microparticle composite VITA VM LC flow. The light-curing stains VITA AKZENT LC are also available for characterization.



We are happy to help.

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On publication of these instructions for use, previous versions will no longer be valid. The current version in each case is available at www.vita-zahnfabrik.com

VITA Zahnfabrik is certified, and the following products bear the **CE 0124** mark: **VITAPAN EXCELL®**, **VITAPAN® LINGOFORM**

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References

Internal studies, VITA R&D:

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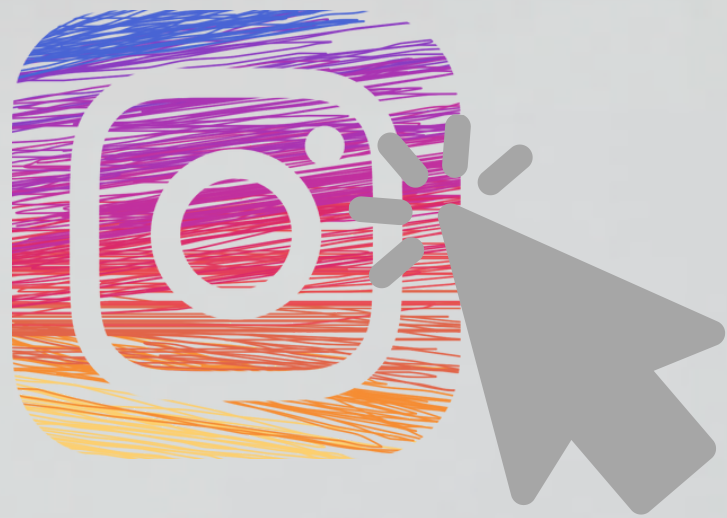
Detailed test data

See technical and scientific documentation
Download at www.vita-zahnfabrik.com

Natural functionality, lifelike beauty.

VITA

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